32692 Customer Number



Patent

Case No.: 57630US004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

SCHUKAR, GARY W.

Application No.:

10/797758

Group Art Unit:

Unknown

Filed:

March 9, 2004

Examiner:

Unknown

Title:

APPARATUS AND METHOD FOR CONVERTING A FUEL CELL MEMBRANE

WEB TO PRECISELY POSITIONED MEMBRANE SHEETS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

milani

ey 4, 2004

igned by: Phyllis J. Boettcher

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Date

Office of Intellectual Property Counsel 3M Innovative Properties Company Facsimile No.: 651-736-3833

Respectfully submitted,

Philip Y. Dahl, Reg. No.: 36,115

Telephone No.: (651) 737-4029

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAY 0 7 2004 (Use as many sheets as necessary)

CADEND

Page 1 of 4

Application Number	10/797758
Filing Date	March 9, 2004
First Named Inventor	Schukar, Gary W.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	57630US004

	U.S. Patent Documents							
Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	A1	US- 2,710,234	06/07/1955	Hansen	-			
	A2	US- 3,178,041	04/13/1965	Wheat et al.				
	А3	US- 3,285,112	11/15/1966	Dale et al.				
	A4	US- 3,359,046	12/19/1967	Dryden				
	A5	US- 3,380,788	04/30/1968	Wilcock				
	A6	US- 3,477,558	11/11/1969	Fleischauer				
	A7	US- 3,861,259	01/21/1975	Hitch, T. R.				
	A8	US- 3,946,920	03/30/1976	Jordan et al.				
	A9	US- 4,143,871	03/13/79	Blessing, H.				
	A10	US- 4,168,772	09/25/1979	Eberle, W. J.				
	A11	US- 4,236,814	12/02/1980	Tonkin, K. J.				
	A12	US- 4,286,467	09/01/1981	Kober				
	A13	US- 4,360,260	11/23/1982	Eloranta et al.				
	A14	US- 4,381,596	05/03/1983	Simonton et al.				
	A15	US- 4,676,862	06/30,1987	Kuchnert, H. E.				
	A16	US- 4,534,549	08/13/1985	Eberle, W. J.				
	A17	US- 4,591,139	05/27/1986	Engelbart, W.				
	A18	US- 4,728,093	03/01/1988	Eberle, W. J.				
	A19	US- 4,784,380	11/15/1988	Eberle, W. J.				
	A20	US- 4,819,928	04/11/1989	Osborn et al.				
	A21	US- 4,887,858	12/19/1989	Gazzarrini, V.				
	A22	US- 5,031,002	07/09/1991	Yaguchi				
	A23	US- 5,048,182 A	09/17/1991	E. S. Robbins, III				
	A24	US- 5,061,337	10/29/1991	Fraser				
	A25	US- 5,063,415	11/05/1991	Ariyama				
	A26	US- 5,078,375	01/07/1992	Steidinger, D. J.				
	A27	US- 5,133,543	07/28/1992	Eitel et al.				
	A28	US- 5,383,270	01/24/1995	lwatsuka et al.				

*Exami	ner
--------	-----

Date Considered:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 2 of 4

Application Number	10/797758
Filing Date	March 9, 2004
First Named Inventor	Schukar, Gary W.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	57630US004

			U.S. Patent	Documents	
Exam. Init.*	Cite No.	Document Number Doc. Number-(Kind Code if Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A29	US- 5,443,602	08/22/1995	Kejha, Joseph B.	- I garet / pp. a.
	A30	US- 5,456,871	10/10/1995	Harada et al.	
	A31	US- 5,556,499	09/17/1996	Clough, A. H.	
	A32	US- 5,596,897	01/28/1997	Payne, Jr. et al.	
	A33	US- 5,761,793	06/09/1998	Bevers et al.	
	A34	US- 5,762,753	06/09/1998	Clough, A. H.	
	A35	US- 5,783,024	07/21/1998	Forkert, M. J.	
	A36	US- 5,791,185	08/11/1998	Bodnar, E. R.	
	A37	US- 5,989,747	11/23/1999	Tanaka et al.	
	A38	US- 6,007,660	12/28/1999	Forkert, M. J.	
	A39	US- 6,059,003	05/09/2000	Wittkopf	
	A40	US- 6,066,409	05/23/2000	Ronne et al.	
	A41	US- 6,159,327	12/12/2000	Forkert, M. J.	
	A42	US- 6,224,203	05/01/2001	Wotton	
	A43	US- 6,241,839 B1	06/05/2001	Yoshino et al.	
	A44	US- 6,326,097	12/04/2001	Hockaday, Robert G.	
	A45	US- 6,347,585 B1	02/19/2002	Kiamco et al.	
-	A46	US- 6,405,779	06/16/2002	Wittkopf	
	A47	US- 6,419,217	07/16/2002	Hartmann et al.	
	A48	US- 6,500,217 B1	12/31/2002	Starz et al.	
	A49	US- 6,733,912	05/11/2004	Mlinar, J. R.	
	A50	US- 2002/0014509 A1	02/07/2002	Kitai et al.	
	A51	US- 2002/0134501 A1	09/25/2002	Fan et al.	
	A52	US- 2002/0136940 A1	09/26/2002	Mao et al.	
	A53	US- 2003/0188413 A1	10/09/2003	Mlinar et al.	
	A54	US- 2003/0190226 A1	10/09/2003	Eaton et al.	
	A55	US- 2003/0188616 A1	10/09/2003	Behymer, L. E	
	A56	US- 2003/0188824 A1	10/09/2003	Hirsch, D. I.	

*	Ξx	aı	m	in	e	r	

Date Considered:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 3 of 4

Application Number	10/797758
Filing Date	March 9, 2004
First Named Inventor	Schukar, Gary W.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	57630US004

	U.S. Patent Documents							
Exam.	Cite	Document Number	Publication Date or	Name of Patentee	Pages, Columns, Lines, Where Relevant Passages or Relevant			
Init.*	No.	Doc. Number-(Kind Code if Known)	MM-DD-YYYY	or Applicant of Cited Document	Figures Appear			
	A57	US- 2003/0188832 A1	10/09/2003	Ripley, S. A.				
	A58	US- 2003/0188615 A1	10/09/2003	Ripley S. A.				
	A59	US- 2003/0191021 A1	10/09/2003	Ripley et al.				
	A60	US- 2003/0188418 A1	10/09/2003	Mlinar, J. R				
	A61	US- 2003/0190521 A1	10/09/2003	Schukar et al.				

			Fo	reign Patent	Documents		
	Cite	Fore	eign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Translation
Init.	No.	Ctry. Code	Number-Kind Code (If known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	(Check if yes)
	B1	AT	314 323 B	03/25/1974			
	B2	BE	1007774A3	10/17/1995			
	В3	DE	19 28 110 A	12/10/1970			
	В4	DE	195 48 422 A1	09/11/1997			
	B5	DE	26 10 628 A1	09/22/1977			
	B6	DE	33 43 811 A1	06/13/1985			
	B7	DE	94 00 890.6 U1	03/17/1994			
	B8	EP	0 654 347 A1	11/02/1994			
	В9	EP	1 037 295 A1	09/20/2000	Starz et al.	6,500,217 U.S. Equivalent	
	B10	FR	2 456 613 A	12/12/1980			
	B11	GB	1 084 597 A	09/27/1967			
	B12	GB	2,101,098 A	01/12/1983			
	B13	JP	55-98040	07/25/1980			Х
	B14	JP	57-93854	06/11/1982			Х
	B15	JP	62-244830	10/26/1987			Х
	B16	JP	96335462A	12/17/1996			Х
	B17	JP	99292327A	10/26/1999			X
-	B18	JP	10-166014	06/23/1998			
	B19	JP	11 297314 A	10/29/1999			

*Exa		

Date Considered:

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 4 of 4

Application Number	10/797758
Filing Date	March 9, 2004
First Named Inventor	Schukar, Gary W.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	57630US004

			Fo	oreign Patent	Documents		
Exam.	Cite	***		Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	Translation
Init.*	No.	Ctry. Code	Number-Kind Code (If known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	(Check if yes)
	B20	JP	11 273663 A	10/08/1999			
	B21	JP	403-128851	05/31/1991	Ariyama		
	B22	JP	403-128853	05/31/1991	Ariyama		
	B23	wo	02/43171 A2	05/30/2002			
	B24	wo	02/43179 A1	05/30/2002			
	B25						
	B26						
	B27						
	B28						
	B29						
	B30						
	B31						
	B32						
	B33						
	B34						
	B35						

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS							
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, seria symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
	C1	10/446,485 May 28, 2003 ROLL-GOOD FUEL CELL FABRICATION PROCESSES, EQUIPMENT, AND ARTICLES PRODUCED FROM SAME (58669US002)					
	C2						
	СЗ						

*Exa	mi	no	r.	
LAG		110	٠.	

Date Considered: